

User Manual

ATA2000_CI4

Version 1.0

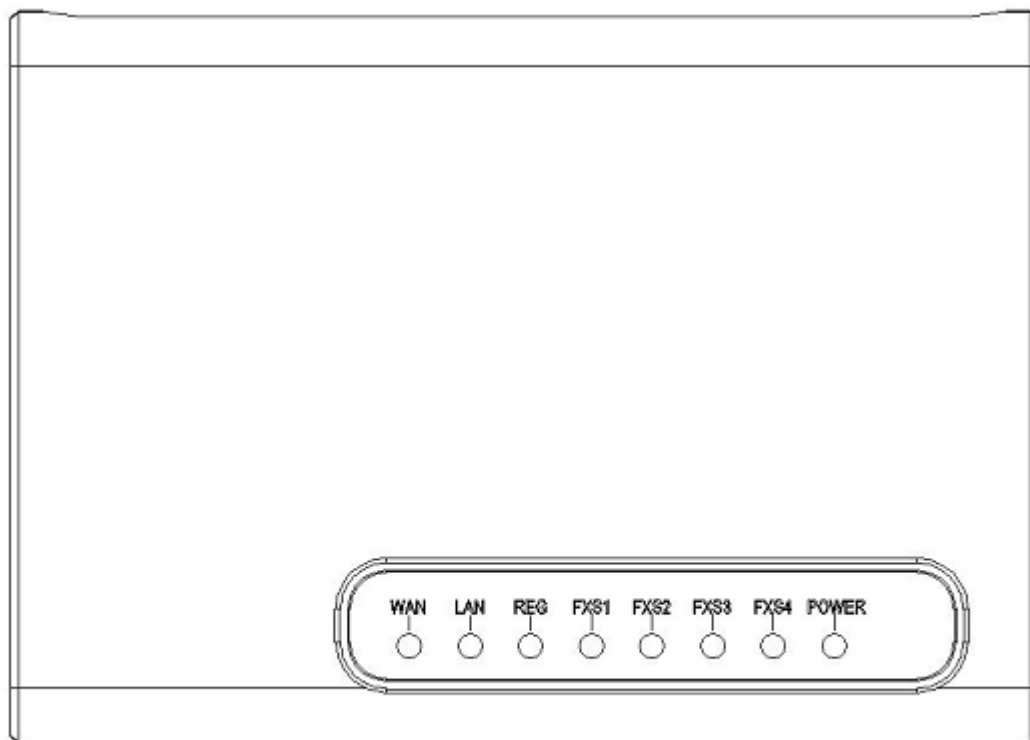
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1. Product Introduction:

1.1. Appearance

Front Panel Diagram:



LED Description:

WAN LED: When the WAN port connected to network successfully .The WAN LED is flashing, otherwise it is off.

LAN LED: When the LAN port connected to device successfully, the LAN LED is lighting, otherwise it is off.

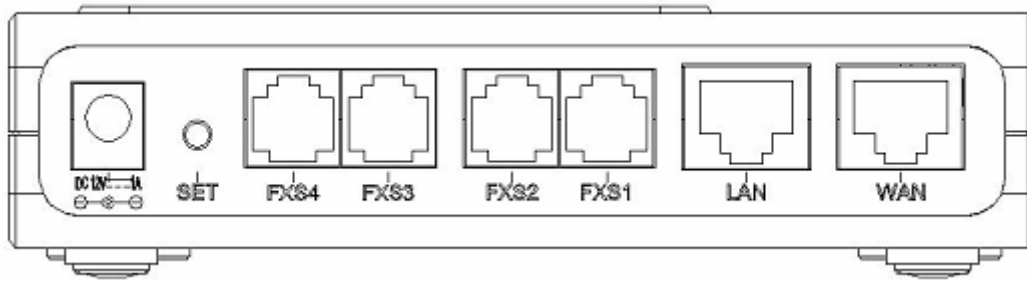
FXS1~FXS4 LED: When the POTS(Analog telephone) connected to phone port successfully, in off-hook status, the phone LED is on, otherwise is off.

REG LED: There are three status

- a、 When SIP register is disabled , it is off;
- b、 When SIP register is enabled and register failed , it is off;
- c、 When SIP register is successful, it is on.

POWER LED: When the ATA2000 is powered on ,it is on, otherwise it is off.

● Interface



WAN : Connected to Network Switch or Hub via RJ45 cable;

LAN : Connected to PC or other devices via RJ45 cable;

FXS1~FXS4: Connected to analog telephone via RJ11 cable;

DC POWER jack: Connected to 12V/1000mA Power adapter.

SET Key: reboot ATA.

1.2. Feature

● Hardware Specification

Item		Specification
Chipset		Infineon ADM5120P
SDRAM		16 MB SDRAM
Flash		2 MB Flash memory
Power Adapter	Input	100-240V AC 50/60Hz
	Output	12V DC 1000mA
Port	WAN	1 10/100Base T RJ-45
	LAN	3 10/100Base T RJ-45
	FXS	4 RJ11 for phone
LED Indicator		Including: WAN、LAN、FXS1~FXS4、REG、POWER
Power Consumption		7W/5.6W
Operating Temperature		0~40°C
Relative Humidity		5~95%
Dimension		133mm*95mm*34.5mm (L x W x H)

● Software

- Support two modes: Bridge and Router(NAT&NAPT);
- Network protocols: TCP/UDP/IP、ICMP、HTTP、DHCP Client (WAN Interface)、DHCP Server (LAN Interface)、DNS Client、DNS Relay、SNTP、PPPoE、FTP、

TFTP;

- VOIP protocols: SIP (RFC2543,RFC3261)
- Support Signal Encrypt and Rtp Encrypt
- DSP codec :G.711Alaw64k、 G.711Ulaw64k、 G.729、 G.723 5.3k/6.3k;
- STUN client available, SIP register port、 HTTP port、 Telnet port and RTP port are modifiable;
- Two different SIP servers can register successfully synchronously, two different SIP telephone number available;
- Several accounts can registered in a sip server, one FXS user can own some phone numbers;
- Support VAD(Voice Activity Detection);
- T38 FAX available;
- Config ATA via web explorer, such as: IE;
- Upgraded by WEB(HTTP) available;
- User-defined dial rules;
- Config via WEB or Keyboard optionally;
- Support enterprise IP private line, Peer-to-Peer calling all free;
- DTMF Modes including: RELAY、 RFC2833 and SIP INFO;
- Two different accounts management: Root and General account;

1.3. Installation

- 1) Connect to network: Connect the WAN port to network switch or HUB via RJ45 cable;
- 2) Connect to PC: Connect the LAN port to computer via a RJ45 cable;
- 3) Connect to POTS(Analog telephone): Connect the FXS1/FXS2 port to POTS(Analog telephone) via RJ11 cable;
- 4) Connect to power: Connect the device to Power;
- 5) Reboot ATA: Press the “**SET**” button to reboot ATA;
- 6) Configured by keypad, example: rebooting ATA2000 via dialing “*****#”.

2. Configuration via keyboard

Shortcut key	Function
*****#	Reboot device
#*100#	Configured to Static mode
#*101#	Configured to DHCP mode
#*102#	Configured to PPPoE mode

#*103#	Working at Bridge mode
#*104#	Working at Router mode
#*111#	To get the device WAN IP address
#*222#	To get the phone number

*Reserves the rights to make changes in technical and product specification
without prior notice.*